

# EXISTING CONTROL MEASURES AND CURRENT STATUS

The following tables list all control measures included in the *2001 Ozone Attainment Plan* and the *2000 Clean Air Plan*, and summarize their current status. (Refer to the respective plans for detailed control measure descriptions.)

## ***2001 Ozone Attainment Plan Control Measures***

Control Measure		Status
SS-11	Improved Architectural Coatings Rule	Adopted 2001
SS-12	Improved Storage of Organic Liquids Rule	Adopted 2002
SS-13	Low VOC Surface Preparation Solvents	Adopted 2002
SS-14	Aqueous Solvents for Cold Cleaning	Adopted 2002
SS-15	Monitoring of Refinery Flares	Adopted June 2003
SS-16	BACT for Refinery Valve Replacements	Work Group met July 2003. Workshop planned autumn 2003.
SS-17	Improved Process Depressurization Rule	Work Group meeting September 2003. Workshop planned autumn 2003.
MS-1	I&M Program, Liquid Leaks and Evaporation	Liquid leaks implemented, evaporative system delayed ( <i>Bureau of Automotive Repair</i> )
TCM-A	Regional Express Bus Program	Buses purchased and service starting in 2003
TCM-B	Bicycle/Pedestrian Program	Funding allocated May/June 2003
TCM-C	Transportation for Livable Communities	Funding to be provided through TEA 21 reauthorization
TCM-D	Additional Freeway Service Patrol	Completed 2001
TCM-E	Transit Access to Airports	BART SFO service began June 2003

Note: SS = stationary source, MS = mobile source, TCM = transportation control measure

## ***2001 Ozone Attainment Plan Further Study Measures***

Further Study Measure		Status, Results
FS-1	Accelerate Urban Bus Particulate Trap Retrofits	Completed, funding approved
FS-2	Update MTC High Occupancy Vehicle (HOV) Lane Master Plan	Completed, new lanes would be added to 2005 RTP
FS-3	Study Air Quality Effects of High Speed Freeway Travel	Study complete but inconclusive, further research needed
FS-4	Evaluate Parking Management Incentive Program	Study concluded municipal paid parking largely in place
FS-5	Enhanced Housing Incentive Program	Increased HIP funding being sought
FS-6	Further Smog Check Program Improvements	AB 2637 adopted. Implementation 10/2003
FS-7	Parking Cash Out Pilot Program	One project initiated
FS-8	Refinery Blowdown Systems a) Flares  b) Pressure Relief Devices c) Blowdown Systems	a) Work Group met August 2003. Workshop planned autumn 2003. b) Workshop planned autumn 2003 c) Rulemaking or enforcement action
FS-9	Refinery Wastewater Systems a) Drains, pipes, junction boxes  b) Treatment, aeration	a) Work Group met August 2003. Workshop planned autumn 2003. b) Further study needed
FS-10	Organic Liquid Storage Tanks	Work Group met July 2003. Workshop planned early 2004.
FS-11	Marine Tank Vessel Activities	Workshop planned autumn 2003

## **2000 Clean Air Plan Control Measures**

Control Measure		Status
A-1	Improved Architectural Coatings Rule	Adopted 2001
A-5	Surface Preparation and Cleanup Standards for Metal Parts Coating Rule	Adopted 2002
A-21	Improved Automobile Refinish Coatings Rule	Researching with ARB and other districts
A-22	Improved Wood Products Coatings Rule	Deemed not technically feasible
A-23	VOC Limits for Concrete Coating Operations	Emission reductions estimated to be less than de minimis
B-2	Improved Storage of Organic Liquids Rule	Some elements have been adopted; other elements being studied under FS-10
C-4	Improved Process Vessel Depressurization Rule	Work Group meeting September 2003. Workshop planned autumn 2003.
D-8	Improved Residential Water Heater Rule	Postponed
G-3	Seasonal Limitations on Organic Liquid Storage Tank and Wastewater Separator Cleaning and Refinery Shutdowns	Emission reductions from seasonal limitations would be de minimis. Year-round reductions being sought through SS-17.
TCM-1	Support Voluntary Employer-Based Trip Reduction Programs	MTC, Air District fund regional rideshare program and local trip reduction programs.
TCM-2	Employer-Based Trip Reduction Rule	TCM deleted per State law.
TCM-3	Improve Areawide Transit Service	2001 RTP fully funds transit capital shortfalls. Poor economy limits expansion of services.
TCM-4	Improve Regional Rail Service	Most projects are completed, under construction, or funding is programmed.
TCM-5	Improve Access to Rail and Ferries	MTC, Air District fund numerous access improvements at rail and ferry stations.
TCM-6	Improve Interregional Rail Service	Most projects have been implemented or deemed not cost-effective.
TCM-7	Improve Ferry Service	Vallejo, Larkspur and Oakland services have been augmented. Water Transit Authority is studying additional services
TCM-8	Construct Carpool/Express Bus Lanes on Freeways	HOV network and park & ride facilities have been expanded. Express Bus Program (TCM-A) will largely use HOV network.
TCM-9	Improve Bicycle Access and Facilities	MTC, Air District fund numerous bike lanes, paths, storage facilities. MTC completed Regional Bike Plan in 2001.
TCM-10	Youth Transportation	MTC, Air District fund student transit and ridesharing programs. ARB, Air District fund low emitting school buses.
TCM-11	Install Freeway/Arterial Metro Traffic Operations System (TOS)	Freeway Service Patrol has been expanded. TOS implementation is underway.
TCM-12	Improve Arterial Traffic Management	MTC, Air District fund signal timing and signal preemption projects, as well as transit and bicycle enhancements on arterials.
TCM-13	Transit Use Incentives	Commuter Check use increasing. Translink demonstration deemed successful. Numerous transit centers funded.
TCM-14	Improve Rideshare/Vanpool Services and Incentives	MTC, Air District fund regional and local rideshare, vanpool and transit information programs.
TCM-15	Local Clean Air Plans, Policies and Programs	Regional smart growth vision approved, and alternative Projections adopted. TLC, HIP, TFCA fund local smart growth projects.
TCM-16	Intermittent Control Measure/Public Education	Spare the Air program participation increasing.

		Air District has extensive public education campaign.
TCM-17	Conduct Demonstration Projects	Air District funds numerous clean fuel vehicles and diesel engine retrofits.
TCM-18	Transportation Pricing Reform	MTC, Air District support proposed legislation to raise tolls on State bridges. Some pricing measures lack legislative support.
TCM-19	Pedestrian Travel	MTC funds numerous pedestrian projects.
TCM-20	Promote Traffic Calming Measures	MTC, Air District fund traffic calming projects.

### ***2000 Clean Air Plan Further Study Measures***

Further Study Measure		Status, Results
A-3	Improved Aerospace Coatings Rule	Emission reductions estimated to be less than de minimis.
A-6	Improved Surface Coating of Plastic Parts and Products Rule	Emission reductions estimated to be less than de minimis.
C-7	Control of Emissions from Refinery Flares	Flare monitoring rule adopted June 2003. Other elements to proceed to rulemaking or enforcement action.
C-8	Draining of Liquid Products/Sumps and Pits	Work Group met August 2003. Workshop planned autumn 2003.
F-7	Easing of Administrative Requirements for Use of Lower Emitting Technology	Implemented on a rule-by-rule basis (e.g., Rule 8-32).
F-8	Limitations on Solvents Based on Relative Reactivities	Being researched by ARB.